



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:

Group Art Unit: 1636

KOROPATNICK et al.

Examiner: Epps, J.

Appln. No.: 09/509,418

Filed: July 11, 2000

FOR: ANTISENSE OLIGONUCLEOTIDES AGAINST THYMIDYLATE SYNTHASE

July 2, 2001

[June 30 = Sat.; July 1 = Sun.]

#9/A  
BP  
7-11-01  
RECEIVED

JUL 10 2001

TECH CENTER 1600/29C

AMENDMENT

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

Responsive to the Official Action mailed January 31, 2001, kindly consider  
and enter the following amendments and remarks.

IN THE SPECIFICATION:

Kindly enter the abstract contained on a separate sheet within the Appendix.

IN THE CLAIMS:

Kindly cancel claim 10 without prejudice or disclaimer.

Kindly enter the following amended claims.

sub 2  
A2

1. (Amended) An antisense oligonucleotide that hybridizes to a target 3' region of a mammalian thymidylate synthase nucleic acid sequence and that selectively inhibits thymidylate synthase production in mammalian cells.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): KOROPATNICK et al.  
 Appln. No.: 09 509,418  
 Series Code ↑ Serial No. ↑

Filed: July 11, 2000

Hon. Commissioner of Patents  
 Washington, D.C. 20231

Group Art Unit 1636  
 Examiner: J. Epps  
 Atty. Dkt. P 266291 PHM.70275/UST  
 M# Client Ref

Appln. Title: ANTISENSE OLIGONUCLEOTIDES  
 AGAINST THYMIDYLATE SYNTHASE

RECEIVED

Sir:

REPLY/AMENDMENT/LETTER

Date: July 2, 2001  
 [[June 30 = Sat.; July 1 = Sun.]

JUL 10 2001

TECH CENTER 1600/29

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated herein by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim A. <input checked="" type="checkbox"/> NOT made B. <input type="checkbox"/> Withdrawn C. <input type="checkbox"/> made herewith D. <input type="checkbox"/> made previously For B & C See Required Separate Paper (Pat-256)		Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims		14	**minus 20	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims		3	***minus 3	0	x \$80/\$40 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) ..... add					+ \$270/\$135 =	+ \$0	104/204
5. Original due Date: April 30, 2001		<input type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo)	\$110/\$55 =				115/215
		(2 mos)	\$390/\$195 =	+ \$390			116/216
		(3 mos)	\$890/\$445 =				117/217
		(Usable only for ≤ 2mo.OA --- 4 mos)	\$1390/\$695 =				118/218
		(Usable only for 30 day/1mo.OA --- 5 mos)	\$1890/\$945 =				128/228
7. Enter any previous extension fee paid since above original due date and subtract					- \$0		
8. Extension Fee Attached					+ \$390		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....					+ \$110/\$55	+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c), ..... add					+ \$180	+ \$180	126
or if Rule 97(d) Request ..... add					+ \$180		126
11. After-Final Request Fee per rules 129(a) and 17(r) .....					+ \$710/355	+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b) .....					x \$710/355 ea	+ \$0	149/249
13. Request for Continued Examination (RCE) .....					+ \$710/355	+ \$0	1179/1279
14. Petition fee for .....					+ \$0		
15. TOTAL FEE ENCLOSED =					\$570		

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 9901 266291

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP  
 Intellectual Property Group  
 By Atty: Donald J. Bird

Sig:

Reg. No. 25323

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